

This is a  
**CONTROLLED DOCUMENT**  
EG&G - ROCKY FLATS PLANT  
ENVIRONMENTAL MANAGEMENT

This is a RED Stamp

ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL

Manual No.: 5-21000-OPS-FO  
Procedure No.: Table of Contents, Rev 21  
Page: 1 of 2  
Effective Date: 07/27/92  
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)  
VOLUME II: GROUNDWATER (GW)  
VOLUME III: GEOTECHNICAL (GT)  
VOLUME IV: SURFACE WATER (SW)  
VOLUME V: ECOLOGY (EE)  
VOLUME VI: AIR (AP)

TABLE OF CONTENTS  
FOR VOLUME I: FIELD OPERATIONS

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
FO.01	Air Monitoring and Dust Control	2	05/12/92
FO.02	Transmittal of Field QA Records	3	05/22/92
FO.03	General Equipment Decontamination	2	05/12/92
DCN 92.01	Clarification of Decontamination	2	07/21/92
FO.04	Heavy Equipment Decontamination	2	05/12/92
DCN 92.01	Clarification of Work Area	1	01/31/92
DCN 92.02	Clarification of Center Bit Decontamination	1	03/12/92
FO.05	Handling of Purge and Development Water	2	05/12/92
FO.06	Handling of Personal Protective Equipment	2	05/12/92
FO.07	Handling of Decontamination Water and Wash Water	2	05/12/92
FO.08	Handling of Drilling Fluids and Cuttings	2	05/12/92
DCN 92.04	Clarification of Drill Cuttings	2	06/04/92
FO.09	Handling of Residual Samples	2	05/12/92

ADMIN RECORD

DOCUMENT CLASSIFICATION REVIEW WAIVER  
PER R.B. HOFFMAN, CLASSIFICATION OFFICE  
JUNE 11, 1991

A-SW-000431

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Effective Date: 07/27/92  
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<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
FO.10	Receiving, Labeling, and Handling Environmental Materials Containers	2	05/12/92
DCN 92.03	Clarification on Drums	2	06/12/92
FO.11	Field Communications	2	05/12/92
FO.12	Decontamination Facility Operations	2	05/12/92
FO.13	Containerization, Preserving, Handling and Shipping of Soil and Water Samples	2	05/12/92
DCN 92.01	Chain of Custody	2	07/27/92
FO.14	Field Data Management	2	05/12/92
DCN 92.01	Update Bottle Codes and Lab Codes to Current Status	2	06/30/92
DCN 92.02	Clarification of Biological Locations	2	07/08/92
DCN 92.03	Changes in Procedures	2	07/08/92
DCN 92.04	Update Bottle and Lab Codes	2	07/21/92
FO.15	Photoionization Detectors (PIDs) and Flame Ionization Detectors (FIDs)	2	05/12/92
FO.16	Field Radiological Measurements	2	05/12/92
DCN 92.04	Clarification of Seismic Lines	1	04/13/92
FO.17	Determining Out-Of-Specification Analytical Results for Environmental Samples		To Be Added
FO.18	Environmental Sample Radioactivity Content Screening	1	05/12/92
FO.19	Base Laboratory Work	2	05/12/92

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EG&G - ROCKY FLATS PLANT DOCUMENT CHANGE NOTICE (DCN)  
ENVIRONMENTAL MANAGEMENT

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Procedure Number 5-21000-OPS- -FO.13, Rev.2

Page 1 of 1

Title	Containerization, preserving, handling and shipping of soil and water samples	Date	7-22-92	DCN Number	5-21000-OPS-FO.13, Rev.2 DCN 92.01
Expires	<u>upon incorporation</u>		Procedure Revision Required	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Scope Limitation	<u>None</u>				

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	FO.13 after P.18 of 18	insert	Insert the attached chain-of-custody

Justification (Reason for Change – Provide Numbers To Reference Corresponding Items Above)

The surveillance surface water project has computer generated chain-of-custodies. This attached chain-of-custody format is required for the ability to spell out the name of the requested analytical result on the same line as the sample number. The field composite column on the right side of this chain-of-custody was a new EPA requirement for the NPDES program.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>Raymond</i>	QAPM	X	7/27/92	<i>Piper</i>	User	X	7-22-92
<i>Richard</i>	EOM	X	7/24/92	<i>Mark Thibault</i>	Acting supervisor EGISB	X	7-24-92
				<i>Laduneta</i>	User	X	7-24-92
					User	X	
Approval of Responsible Manager		Date		Is Posting Req'd?	If Yes, By What Date?		Date Posted
				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

**PROJECT #**

C-O-C NUMBER

LAB/LOCATION

EG&G ROCKY FLATS, CHAIN OF CUSTODY

[illegible][illegible]

REMARKS

SHIPMENT METHOD:

**AIR BILL NO.:**

SHIP WHITE AND YELLOW COPIES WITH SAMPLES -- RETAIN PINK FIELD COPY	AIR B
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LAB/LOCATION	PRESERVATIVE
NUMBER OF CONTAINERS	COOLED TO 4°C
MEDIA: S=SOIL, W=WATER	NaOH
F=FILTERED, U=UNFILTERED	HNO <sub>3</sub>
R=TURN AROUND RUSH	H <sub>2</sub> SO <sub>4</sub>
OUT OF SPEC REPORTS	

**BOTTLE CODE : ANALYTE**

LABORATORY USE ONLY

PKG REC'D/CUSTODY SEALS

SAMPLE LABELS/COCs AGREE

TEMPERATURE WITHIN SPECIF

CORRECTED COPY ATTACHED

PROBLEMS OR DISCREPANCIES

FIELD COMPOSITE (Y/N)